

Round 3 results — Run cord19.vespa.ai-gb-1 submitted from cord19.vespa.ai

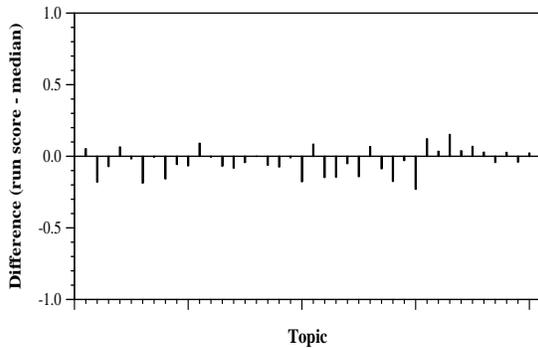
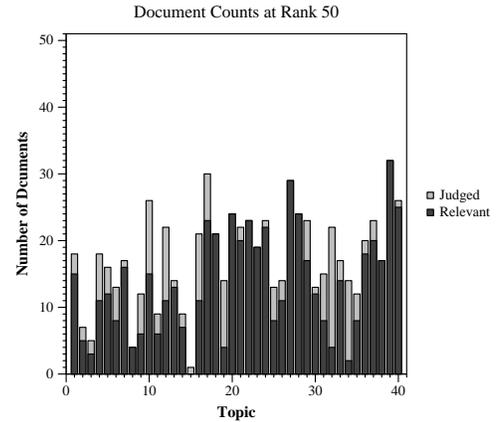
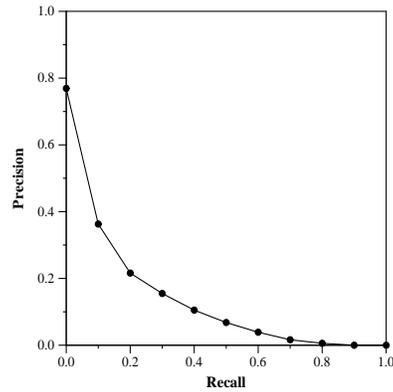
Run Description

Retrieval using entities from query, question and narrative. First-phase ranking using bm25(title) + bm25(abstract)
 Top 1000 hits from first phase re-ranked using a GBDT model (LightGBM with lambdarank objective).
 Model is trained on judgements from round 1 and round 2. Used all queries except judgements for topics in [1,3,5,7,10,15,18,29,25,32]. <https://github.com/vespa-engine/cord-19/tree/master/trec-covid>

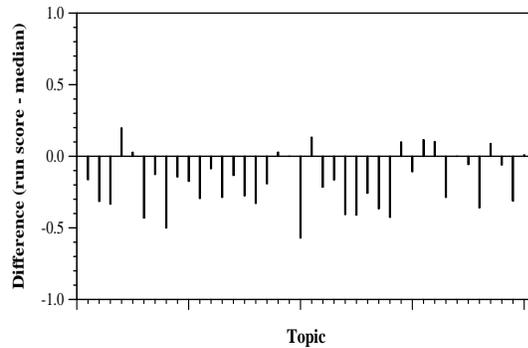
Summary Statistics	
Run ID	cord19.vespa.ai-gb-1
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39941
Total relevant	4698
Total relevant retrieved	2384
MAP	0.1231
Mean Bpref	0.4284
Mean NDCG@10	0.4184
Mean RBP(p=0.5)	0.4945 +0.3753

Document Level Averages	
	Precision
At 5 docs	0.4550
At 10 docs	0.4225
At 15 docs	0.3800
At 20 docs	0.3513
At 30 docs	0.3125
R-Precision	
Exact	0.1886

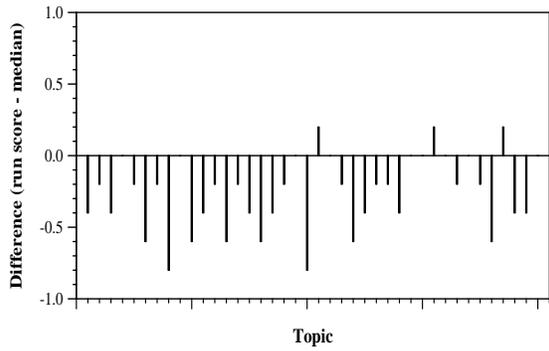


Per-topic difference from median bpref for all Round 3 runs

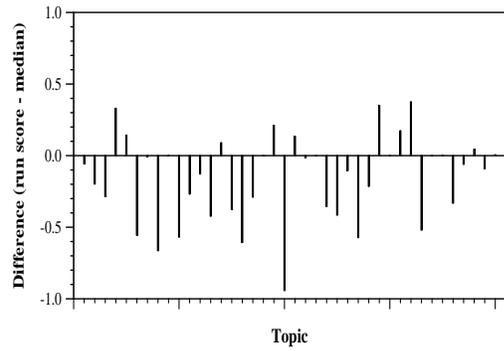


Per-topic difference from median NDCG@10 for all Round 3 runs

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Per-topic difference from median P@5 for all Round 3 runs



Per-topic difference from median RBP(p=0.5) for all Round 3 runs